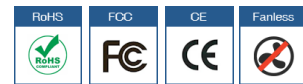


HES5B/8B-Y Series

5/8-port Din-rail Unmanaged Ethernet Switches

Features:

- 5 or 8 × 10/100BaseT(X) Port (RJ45 connector)
- 12 ~ 58 VDC Redundant Dual Power Inputs
- IP40 Metal Housing, Fanless Design
- High-level ESD: Contact: 8 kV; Air: 15 kV
- -30°C to 70°C Operating Temperature



Introduction:

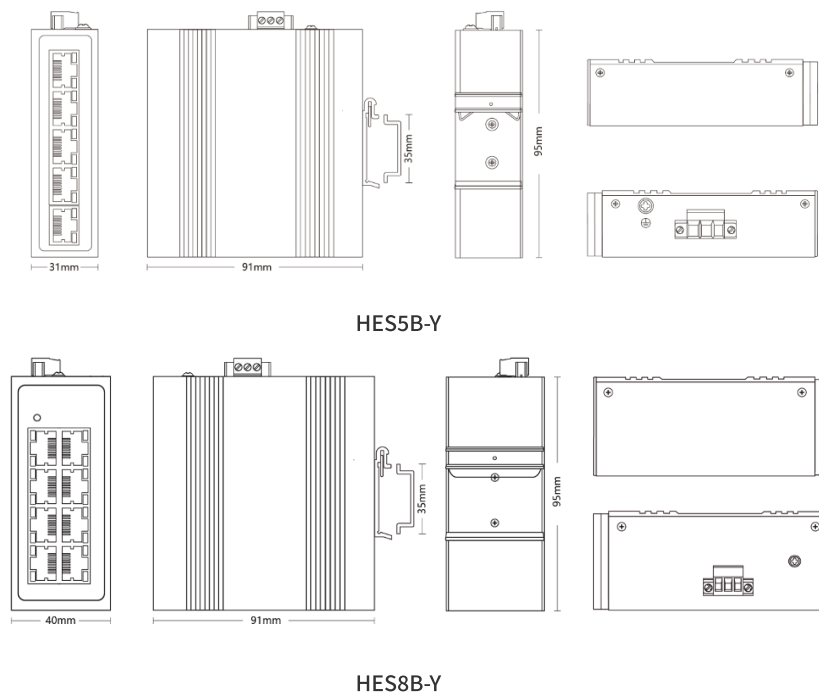
The HES5B-Y and HES8B-Y Series of industrial Ethernet switches are entry-level industrial 5 and 8 ports Ethernet switches that support IEEE802.3u, IEEE802.3x, IEEE802.3z with 10/100M, full/half duplex, auto-adaptive RJ45 ports. This series switches is rated to operate at temperatures ranging from -30°C to 70°C. The fanless design, wide operating temperature, high-level ESD provide the products with high performance of resistance to high and low temperature, lightning protection and reliability and safety of industrial network.

Specification:

Ethernet Interface		
10/100BaseT(X) Ports (RJ45 Connector)	5/8 Full/Half Duplex Mode; MDI/MDI-X Auto-adaptive; Auto Negotiation Speed	
Standards	IEEE802.3; IEEE802.3i; IEEE802.3u; IEEE802.3x	
Switch Properties		
Processing Type	Store and forward	
MAC Table Size	2k	
Packet Buffer Size	HES5B-Y: 768kbits	HES8B-Y: 512kbits
Power Parameters		
Input Voltage	12 ~ 58VDC Redundant Dual Power Inputs	
Power Consumption	HES5B-Y: < 5W	HES8B-Y: < 6W
Power Connector Type	Phoenix Terminal	
Reverse Polarity Protection	Supported	
Physical Characteristics		
Case	Metal Enclosure, IP40 Rating	
Installation	Din-rail Mounting	
Dimensions (Width × Height × Depth)	HES5B-Y: 1.22" × 3.74" × 3.58" (31mm × 95mm × 91mm) HES8B-Y: 1.57" × 3.74" × 3.58" (40mm × 95mm × 91mm)	
Weight	HES5B-Y: 0.66lb (300g)	HES8B-Y: 0.82lb (360g)
Environmental Limits		
Working Temperature	HES5B-Y: -30°C ~ 75°C	HES8B-Y: -30°C ~ 70°C
Storage Temperature	HES5B-Y: -30°C ~ 75°C	HES8B-Y: -30°C ~ 70°C
Relative Humidity	10% to 90% (No Condensation)	

Industrial Standard	
EMI	FCC Part 15 Subpart B Class A, EN 55032 Class A
EMS	EN61000-4-2 Contact: 8 kV; Air: 15 kV (ESD) EN61000-4-3 (RS) EN61000-4-4 (EFT) EN61000-4-5 Level 3 (4 KV/2 KV) 8/20us (Surge Protection of Power) EN61000-4-5 Level 3 (4 KV/2 KV) 10/700us (Surge Protection of Ethernet Port) EN61000-4-6 (CS) Level 3 EN61000-4-8 (PMS) Level 3 EN61000-4-16 Level 3
Shock	IEC 60068-2-27
Freefall	IEC 60068-2-32
Vibration	IEC 60068-2-6
Warranty	
Warranty	5 years

Dimension Drawing:



Ordering Information:

HES5B-Y	Entry-level Din-rail Unmanaged, 5 x 100Mbps Copper Port, Industrial Temperature -30~75 °C, Power Supply 12 ~ 58 VDC
HES8B-Y	Entry-level Din-rail Unmanaged, 8 x 100Mbps Copper Port, Industrial Temperature -30~70 °C, Power Supply 12 ~ 58 VDC
Other models are available upon request.	